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EXAMINER
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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

		Application No.		**Applicant(s)**	
Office Action Summary		08/997,706		EJIRI, SEISHI	
		Examiner		**Art Unit**	
		Joseph R. Pokrzywa		2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *11 September 2002* .

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-4,7-11,17-19 and 21-26* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-4,7-11,17-19 and 21-26* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

     If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☒ All b)☐ Some * c)☐ None of:

        1.☒ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

     a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413) Paper No(s). _____ .

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application (PTO-152)

3)☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .   6)☐ Other: .

DETAILED ACTION

Response to Amendment

1.   Applicant's amendment was received on 9/11/02, and has been entered and made of

record. Currently, **claims 1-4, 7-11, 17-19, and 21-26** are pending.

Response to Arguments

2.   Applicant's arguments filed 9/11/02 have been fully considered but they are not

persuasive.

In response to applicant's arguments regarding the rejection of amended **claim 1**, which

was cited in the Office action dated 6/5/02 as being anticipated by Kosaka (U.S. Patent Number

6,119,142), which states on page 15 that Kosaka fails to teach of notifying the data processing

terminal of transmission result information representing a data transmission performed by the

data transmitter based on the designation inputted by the operation input unit and the data

transmitted by the data transmitter, as is currently amended. Upon review of Kosaka, the

examiner finds that Kosaka can still be interpreted as anticipating the claim, as is currently

worded. Particularly, claim 1 requires notifying transmission result information representing a

data transmission ... and the data transmitted by the data transmitter. Kosaka teaches of having

transmission result information that represents a data transmission and the data transmitted, as

seen in Fig. 7 as F5, and column 7, lines 41 and 42, which states "At F5, present location of a

transmission document is indicated with a predetermined icon." This effectively shows

transmission result information representing ... the data transmitted by the transmitter, as is

currently required by the claim.

3.   Therefore, the rejection of *claim 1*, as well as the rejection of *claims 2 through 4, 7, 9*

through 11, 18, 19, and 21 through 23, as cited in the Office action dated 6/5/02, under 35

U.S.C. 102(e), as being anticipated by Kosaka, is maintained and repeated in this Office action.

Similarly, for the same reasons discussed above, the rejection of *claim 17*, as cited in the Office

action dated 6/5/02, under 35 U.S.C. 103(a), as being unpatentable over Kosaka (Japanese Patent

Number 9-18498, using U.S. Patent Number 6,119,142 as an English translation) in view of

Kikuchi *et al.* (U.S. Patent Number 5,552,901), is maintained and repeated in this Office action.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in-
> (1) an application for patent, published under section 122(b), by another filed in the United States before the
> invention by the applicant for patent, except that an international application filed under the treaty defined in
> section 351(a) shall have the effect under this subsection of a national application published under section 122(b)
> only if the international application designating the United States was published under Article 21(2)(a) of such
> treaty in the English language; or
> (2) a patent granted on an application for patent by another filed in the United States before the invention by the
> applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this
> subsection based on the filing of an international application filed under the treaty defined in section 351(a).

5.   **Claims 1-4, 7, 9-11, 18, 19, and 21-28** are rejected under 35 U.S.C. 102(e) as being

anticipated by Kosaka (U.S. Patent Number 6,119,142, cited in the Office action dated 6/5/02).

Regarding *claim 1*, Kosaka discloses a data communication system (see Figs. 1 and 2)

which comprises a connector (wired/wireless LAN controller 124, seen in Fig. 1, column 3, lines

24 through 29), adapted to connect a network that is connectable to a plurality of data processing

terminals (seen in Fig. 2, and read in column 3, lines 24 through 43) to the data communication

system (see Fig. 2), an operation input unit (operation unit 112, see Fig. 1), adapted to receive a

manual designation manually inputted by an operator (column 3, lines 14 through 16), a data

transmitter (network control unit NCU 109), adapted to transmit data based on the designation

inputted by the operation input unit (column 2, line 64 through column 3, line 6, and column 6,

lines 43 through 49), with the data being transmitted to an external data communication terminal

(facsimile 208) via a line (through wire communication line 120) that does not include the

connector (see Figs. 1 and 2), and a notification unit (CPU 101 performing a control program

from ROM 102, column 2, lines 43 through 53), adapted to notify a data processing terminal

(column 7, lines 29 through 45), via the connector (wired/wireless LAN controller 124) of

transmission result information (column 8, lines 46 through 67) representing a data transmission

performed by the data transmitter based on the designation inputted by the operation input unit

(see Fig. 7, column 5, lines 1 through 11, and column 7, line 57 through column 8, line 23) and

the data transmitted by the data transmitter (predetermined icon F5, seen in Fig. 7, column 6, line

63 through column 7, line 2, and column 7, lines 37 through 56), wherein the notification unit

notifies the data processing terminal of the transmission result information in accordance with a

change in state of the data communication system (column 5, lines 1 through 11, column 8, lines

20 through 67, and Figs. 4 and 8), wherein the notification unit notifies the data processing

terminal of the transmission result information related to the data transmission upon completion

of the data transmission performed by the data transmitter (steps S40-S42 in Fig. 8), and wherein

the notification unit notifies, in a case where user information is inputted by the operation unit

with an address of the external data communication terminal, a data processing terminal

corresponding the user information of the transmission result information (see Fig. 7).

Regarding *claim 2*, Kosaka discloses the data communication system discussed in claim

1 above, and further teaches that the data transmitter transmits data based on a second

designation from the data processing terminal connected to the data communication system via

the connector (column 6, lines 43 through 62, and column 7, line 57 through column 8, line 23).

Regarding *claim 3*, Kosaka discloses the data communication system discussed in claim

1 above, and further teaches of the transmission result information notified by the notification

unit includes a transmission destination (see Fig. 7, column 7, lines 37 though 56).

Regarding *claim 4*, Kosaka discloses the data communication system discussed in claim

1 above, and further teaches of the notification unit notifies the data processing terminal of the

transmission result information in accordance with a change in information to be notified

(column 8, lines 20 through 67).

Regarding *claim 7*, Kosaka discloses a data communication system (see Figs. 1 and 2)

which comprises a connector (wired/wireless LAN controller 124, seen in Fig. 1, column 3, lines

24 through 29), adapted to connect a network that is connectable to a plurality of data processing

terminals (seen in Fig. 2, and read in column 3, lines 24 through 43) to the data communication

system (see Fig. 2), an operation input unit (operation unit 112, see Fig. 1), adapted to receive a

manual designation manually inputted by an operator (column 3, lines 14 through 16), with the

operation input unit being a part of the data communication system (see Fig. 1), a designation

unit (operation unit 112, see Fig. 1), adapted to designate an ID (sender terminal identifier,

column 4, lines 47 through 57, column 7, line 61 through column 8, line 3, discussing steps S32

and S33 in Fig. 8), representing a user on the network connected by said connector (LAN

controller 124), from the manual designation inputted by way of an operation of the operation

input unit (column 7, line 61 through column 8, line 3), a data transmitter (network control unit

NCU 109), adapted to transmit data based on a destination inputted by the operation input unit in

accordance with an ID designation performed by the designation unit (column 7, line 55 through

column 8, line 3), with the data being transmitted to an external data communication terminal

(facsimile 208) via a line (through wire communication line 120) that does not include the

connector (see Figs. 1 and 2), a notification unit (CPU 101 performing a control program from

ROM 102, column 2, lines 43 through 53), adapted to notify the user on the network connected

by the connector (column 7, lines 29 through 45) corresponding to the ID designated by the

designation unit, via the connector (step S32 in Fig. 8, column 7, line 65 through column 8, line

3), of information representing a data transmission performed by the data transmitter based on

the designation inputted by the operation input unit (see Fig. 7, column 7, lines 57 through 67)

and the data transmitted by the data transmitter (predetermined icon F5, seen in Fig. 7, column 6,

line 63 through column 7, line 2, and column 7, lines 37 through 56), a determination unit (CPU

101 performing a control program from ROM 102, column 2, lines 43 through 53), adapted to

determine whether or not the ID is designated by the designation unit (step S32 in Fig. 8), and a

controller (CPU 101 performing a control program from ROM 102, column 2, lines 43 through

53), adapted to control the notification unit in accordance with a determination result of the

determination unit (see Fig. 8), wherein the notification unit notifies the data processing terminal

of information related to the data transmission upon completion of the data transmission

performed by the data transmitter (step S40 in Fig. 8).

Regarding *claim 9*, Kosaka discloses the data communication system discussed in claim

7 above, and further teaches that the ID designated by the designation unit is information

representing a user on a network (sender-terminal identifier, column 4, lines 33 through 38, and

column 7, line 61 through column 8, line 3).

Regarding *claim 10*, Kosaka discloses the data communication system discussed in claim

7 above, and further teaches that the data transmitter transmits data, based on the designated ID,

from the data processing terminal connected to the data communication system via the connector

(column 7, line 57 through column 8, line 23).

Regarding *claim 11*, Kosaka discloses the data communication system discussed in claim

7 above, and further teaches of the information notified by the notification unit includes a

transmission destination (see Fig. 7, column 7, lines 37 though 56).

Regarding *claim 18*, Kosaka discloses computer-readable storage medium (ROM 102)

storing a program (column 2, lines 43 through 53) for implementing a method for controlling a

data communication system (facsimile 201, seen in Figs. 1 and 2) connected to a network that is

connectable to a plurality of data processing terminals (seen in Fig. 2, and read in column 3, lines

24 through 43) via a connector (wired/wireless LAN controller 124, seen in Fig. 1, column 3,

lines 24 through 29), with the program comprising program code for an input step of receiving a

designation manually inputted by an operator (through operation unit 112, seen in Fig. 1, column

3, lines 14 through 16), program code for a transmission step of transmitting data based on the

designation manually inputted in the input step (column 2, line 64 through column 3, line 6, and

column 6, lines 43 through 49), with the data being transmitted to an external data

communication terminal (facsimile 208) via a line (through wire communication line 120) that

does not include the connector (see Figs. 1 and 2), and program code for a notification step of

notifying the data processing terminal (column 7, lines 29 through 45), via the connector

(wired/wireless LAN controller 124) of transmission result information (column 8, lines 46

through 67) representing a data communication performed in the transmission step based on the

designation inputted in the input step (see Fig. 7, column 7, lines 57 through 67) and the data

transmitted by the transmission step (predetermined icon F5, seen in Fig. 7, column 6, line 63

through column 7, line 2, and column 7, lines 37 through 56) and in accordance with a change in

state of the data communication system (column 5, lines 1 through 11, column 8, lines 20

through 67, and Figs. 4 and 8), wherein the notification step notifies the data processing terminal

of the transmission result information related to the data transmission upon completion of the

data transmission performed in the transmission step (steps S40-S42 in Fig. 8), and wherein the

notification step includes notifying, in a case where user information is inputted in the input step

with an address of the external data communication terminal, a data processing terminal

corresponding the user information of the transmission result information (see Fig. 7).

Regarding *claim 19*, Kosaka discloses a computer-readable storage medium (ROM 102)

storing a program (column 2, lines 43 through 53) for implementing a method for controlling a

data communication system (facsimile 201, seen in Figs. 1 and 2) connected to a network that is

connectable to a plurality of data processing terminals (seen in Fig. 2, and read in column 3, lines

24 through 43) via a connector (wired/wireless LAN controller 124, seen in Fig. 1, column 3,

lines 24 through 29), with the program comprising program code for an input step of receiving a

designation manually inputted by an operator (column 3, lines 14 through 16) using an operation

unit that is a part of the data communication system (operation unit 112, seen in Fig.1), program

code for a designation step of designating an ID (sender terminal identifier, column 4, lines 47

through 57, column 7, line 61 through column 8, line 3, discussing steps S32 and S33 in Fig. 8),

representing a user on the network connected by the connector (LAN controller 124), from the

manually inputted designation (column 7, line 61 through column 8, line 3), program code for a

transmission step of transmitting data based on a designation manually inputted in the input step

using the operation input unit (column 7, line 57 through column 8, line 23), with the data being

transmitted to an external data communication terminal (facsimile 208) via a line (through wire

communication line 120) that does not include the connector (see Figs. 1 and 2), program code

for a notification step of notifying the user on the network connected by the connector (column

7, lines 29 through 45) corresponding to the designated ID, via the connector (step S32 in Fig. 8,

column 7, line 65 through column 8, line 3), of information representing a data communication

performed in the transmission step based on the designation manually inputted in the input step

(see Fig. 7, column 7, lines 57 through 67) and the data transmitted by the transmission step

(predetermined icon F5, seen in Fig. 7, column 6, line 63 through column 7, line 2, and column

7, lines 37 through 56), program code for a determination step of determining whether or not the

ID is designated in the designation step (step S32 in Fig. 8), and program code for a control step

of controlling the notification step in accordance with a determination result of the determination

step (see Fig. 8), wherein the notification step notifies the data processing terminal of

information related to the data transmission upon completion of the data transmission performed

in the transmission step (step S40 in Fig. 8).

Regarding *claim 21*, Kosaka discloses a data communication system (facsimile 201, seen

in Figs. 1 and 2) that communicates with an external device (facsimile 208) via a transmission

path (through wire communication line 120), and that communicates with a data processing

terminal (seen in Fig. 2, and read in column 3, lines 24 through 43), with the system comprising

a signal path (wired/wireless LAN controller 124, seen in Fig. 1, column 3, lines 24 through 29)

through which the data communication system (facsimile 201) communicates with the data

processing terminal (column 3, lines 24 through 43), with the signal path being a path different

from the transmission path (see Figs. 1 and 2), an input section (operation unit 112, see Fig. 1)

through which an operator manually inputs a designation to the data communication system

(column 3, lines 14 through 16), a transmitter (network control unit NCU 109) that, based upon

the manually inputted designation (column 2, line 64 through column 3, line 6, and column 6,

lines 43 through 49), transmits data through the transmission path (wire communication line 120)

to the external device (facsimile 208), and a notifier (CPU 101 performing a control program

from ROM 102, column 2, lines 43 through 53) that, because of a change in state of the data

communication system (column 5, lines 1 through 11, column 8, lines 20 through 67, and Figs. 4

and 8), notifies the data processing terminal (column 7, lines 29 through 45) through the signal

path (wired/wireless LAN controller 124) of transmission result information (column 8, lines 46

through 67) corresponding to the data transmission by the transmitter based upon the manually

inputted designation (see Fig. 7, column 7, lines 57 through 67) and the data transmitted by the

transmitter (predetermined icon F5, seen in Fig. 7, column 6, line 63 through column 7, line 2,

and column 7, lines 37 through 56), wherein the notifier notifies the data processing terminal of

the transmission result information related to the data transmission upon completion of the data

transmission performed by the data transmitter (steps S40-S42 in Fig. 8), and wherein the notifier

notifies, in a case where user information is inputted by the input unit with an address of the

external device, a data processing terminal corresponding the user information of the

transmission result information (see Fig. 7).

Regarding *claim 22*, Kosaka discloses a method of controlling a data communication

system (facsimile 201, seen in Figs. 1 and 2) that communicates with an external device

(facsimile 208) and with a data processing terminal (seen in Fig. 2, and read in column 3, lines

24 through 43), comprising a step of manually inputting a designation to the data communication

system (through operation unit 112, seen in Fig. 1, column 3, lines 14 through 16), a step of

transmitting data to the external device (facsimile 208) via a transmission path (wire

communication line 120), based upon the manually inputted designation (column 2, line 64

through column 3, line 6, and column 6, lines 43 through 49), with the transmitting step

producing transmission result information (column 8, lines 46 through 67), and a step of

notifying, as a consequence of a change in a state of the data communication system (column 5,

lines 1 through 11, column 8, lines 20 through 67, and Figs. 4 and 8), and via a signal path

(wired/wireless LAN controller 124) that does not correspond to the transmission path (see Figs.

1 and 2), the data processing terminal of the transmission result information (see Fig. 7, column

7, lines 57 through 67) and the data transmitted by the transmitting step (predetermined icon F5,

seen in Fig. 7, column 6, line 63 through column 7, line 2, and column 7, lines 37 through 56),

wherein the notifying step notifies the data processing terminal of the transmission result

information related to the data transmission upon completion of the data transmission performed

in the transmitting step (steps S40-S42 in Fig. 8), and wherein the notifying step includes

notifying, in a case where user information is inputted in the input step with an address of the

external device, a data processing terminal corresponding the user information of the transmission result information (see Fig. 7).

Regarding *claim 23*, Kosaka discloses a computer-readable storage medium (ROM 102) storing a program (column 2, lines 43 through 53) for implementing a method for controlling a data communication system (facsimile 201, seen in Figs. 1 and 2) that communicates with an external device (facsimile 208) and with a data processing terminal (seen in Fig. 2, and read in column 3, lines 24 through 43), with the program comprising code for an input step of inputting a designation to the data communication system (through operation unit 112, seen in Fig. 1, column 3, lines 14 through 16), code for a transmission step of transmitting data to the external device (facsimile 208) via a transmission path (wire communication line 120), based upon the manually inputted designation (column 2, line 64 through column 3, line 6, and column 6, lines 43 through 49), with the transmitting step producing transmission result information (column 8, lines 46 through 67), and code for a notification step of notifying, as a consequence of a change in a state of the data communication system (column 5, lines 1 through 11, column 8, lines 20 through 67, and Figs. 4 and 8), and via a signal path (wired/wireless LAN controller 124) that is not the transmission path (see Figs. 1 and 2), the data processing terminal of the transmission result information (see Fig. 7, column 7, lines 57 through 67) and the data transmitted by the transmission step (predetermined icon F5, seen in Fig. 7, column 6, line 63 through column 7, line 2, and column 7, lines 37 through 56), wherein the notifying step notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed in the transmitting step (steps S40-S42 in Fig. 8), and wherein the notifying step includes notifying, in a case where user information is inputted in the

input step with an address of the external device, a data processing terminal corresponding the

user information of the transmission result information (see Fig. 7).

Regarding *claim 24*, Kosaka discloses a data communication system comprising a

connector (wired/wireless LAN controller 124, seen in Fig. 1, column 3, lines 24 through 29),

adapted to connect a data processing terminal to said data communication system (seen in Fig. 2,

and read in column 3, lines 24 through 43), an operation input unit (operation unit 112, see Fig.

1), adapted to receive a manual designation manually inputted by an operator (column 3, lines 14

through 16), an input unit (scanner 111), adapted to input a data to be transmitted to a destination

(column 3, lines 7 through 29), a data transmitter (network control unit NCU 109), adapted to

transmit the data inputted by the input unit based on the designation inputted by the operation

input unit (column 2, line 64 through column 3, line 6, and column 6, lines 43 through 49), the

data being transmitted to the destination (facsimile 208) via a line (through wire communication

line 120) that does not include the connector (see Figs. 1 and 2), and a notification unit (CPU 101

performing a control program from ROM 102, column 2, lines 43 through 53), adapted to notify

the data processing terminal (column 7, lines 29 through 45), via the connector (wired/wireless

LAN controller 124), of the transmission result information representing a data transmission

performed by the transmitter based on the designation input by the operation input unit (see Fig.

7, column 5, lines 1 through 11, and column 7, line 57 through column 8, line 23) and the data

transmitted by the data transmitter in accordance with a transmission operation (predetermined

icon F5, seen in Fig. 7, column 6, line 63 through column 7, line 2, and column 7, lines 37

through 56).

Regarding *claim 25*, Kosaka discloses the data communication system discussed in claim

24 above, and further teaches that the connector (wired/wireless LAN controller 124, seen in Fig.

1, column 3, lines 24 through 29) connects a network that is connectable to a plurality of data

processing terminals to the data communication system (see Figs. 1 and 2).

Regarding *claim 26*, Kosaka discloses the data communication system discussed in claim

24 above, and further teaches of a reader which reads an image on a document and generates

image data (scanner 111, column 3, lines 7 through 29), wherein the input unit inputs the image

data from the reader and the data transmitter transmits the image data transmitted by the input

unit (column 3, lines 10 through 29).

Regarding *claim 27*, Kosaka discloses a method of controlling a data communication

system, with the method comprising the steps of a reception step (through operation unit 112, see

Fig. 1), of receiving a manual designation, manually inputted by an operator (column 3, lines 14

through 16), an input step (through scanner 111), of inputting data to be transmitted to a

destination (column 3, lines 7 through 29), a transmission step (through network control unit

NCU 109), of transmitting the inputted data to the destination (facsimile 208) via a line (through

wire communication line 120) that does not include a connector (wired/wireless LAN controller

124, seen in Fig. 1, column 3, lines 24 through 29, seen in Figs. 1 and 2) adapted to connect a

data processing terminal to said data communication system (seen in Fig. 2, and read in column

3, lines 24 through 43), with the inputted data based on the received manual designation (column

2, line 64 through column 3, line 6, and column 6, lines 43 through 49), and a notification step,

of notifying the data processing terminal (column 7, lines 29 through 45) of the transmission

result information representing a data transmission based on the inputted designation input (see

Fig. 7, column 5, lines 1 through 11, and column 7, line 57 through column 8, line 23) and the

data transmitted in accordance with a transmission operation (predetermined icon F5, seen in

Fig. 7, column 6, line 63 through column 7, line 2, and column 7, lines 37 through 56), via the

connector (wired/wireless LAN controller 124).

Regarding *claim 28*, Kosaka discloses a computer-readable storage medium (ROM 102)

storing a program (column 2, lines 43 through 53) for implementing a method for controlling a

data communication system (facsimile 201, seen in Figs. 1 and 2), with the program comprising

program code for a reception step (through operation unit 112, see Fig. 1), of receiving a manual

designation, manually inputted by an operator (column 3, lines 14 through 16), program code for

an input step (through scanner 111), of inputting data to be transmitted to a destination (column

3, lines 7 through 29), program code for a transmission step (through network control unit NCU

109), of transmitting the inputted data to the destination (facsimile 208) via a line (through wire

communication line 120) that does not include a connector (wired/wireless LAN controller 124,

seen in Fig. 1, column 3, lines 24 through 29, seen in Figs. 1 and 2) adapted to connect a data

processing terminal to said data communication system (seen in Fig. 2, and read in column 3,

lines 24 through 43), with the inputted data based on the received manual designation (column 2,

line 64 through column 3, line 6, and column 6, lines 43 through 49), and program code for a

notification step, of notifying the data processing terminal (column 7, lines 29 through 45) of the

transmission result information representing a data transmission based on the inputted

designation input (see Fig. 7, column 5, lines 1 through 11, and column 7, line 57 through

column 8, line 23) and the data transmitted in accordance with a transmission operation

(predetermined icon F5, seen in Fig. 7, column 6, line 63 through column 7, line 2, and column

7, lines 37 through 56), via the connector (wired/wireless LAN controller 124).

Claim Rejections - 35 USC § 103

6.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

7.   **Claim 8** is rejected under 35 U.S.C. 103(a) as being unpatentable over Kosaka (U.S.

Patent Number 6,119,142, cited in the Office action dated 6/5/02) in view of Hashimoto *et al.*

(U.S. Patent Number 5,644,404, cited in the Office action dated 6/5/02).

Regarding *claim 8*, Kosaka disclose the data communication system discussed in claim 7

above, but fails to specifically teach of the notification unit not performing a notification process

in an absence of an ID designated by the designation unit. Hashimoto discloses the data

communication system (facsimile server terminal 1, column 4, lines 52 through 58), having a

notification unit not performing notification in an absence of an ID designated by the designation

means (column 7, lines 46 through 67, and column 8, lines 15 through 32). Therefore, it would

have been obvious to a person of ordinary skill in the art at the time the invention was made to

include Hashimoto's teachings in Kosaka's system. Kosaka's system would be easily modified

with the inclusion of Hashimoto's teachings, as the systems share cumulative features, being

additive in nature.

8.   **Claim 17** is rejected under 35 U.S.C. 103(a) as being unpatentable over Kosaka

(Japanese Patent Number 9-18498, hereinafter referred to as Kosaka'498, using U.S. Patent

Number 6,119,142, issued to Kosaka, cited in the Office action dated 6/5/02, as an English

translation) in view of Kikuchi *et al*. (U.S. Patent Number 5,552,901, cited in the Office action

dated 6/5/02).

Regarding *claim 17*, Kosaka'498 discloses a method of controlling a system that includes

a data communication system (facsimile machine 201, see Figs. 1 and 2) for performing data

communication with a destination (facsimile machine 208) and a data processing terminal (server

202) for controlling the data communication system (column 3, lines 30 through 53), with the

data communication system being connected to the data processing terminal via a network that is

connectable to a plurality of data processing terminals (LAN 125, seen in Fig. 2, and read in

column 3, lines 24 through 43). Kosaka'498's method comprises at the data communication

system, inputting a designation manually entered by an operator using an operation input unit

(operation unit 112, see Fig. 1, column 3, lines 14 through 16), designating an ID (sender

terminal identifier, column 4, lines 47 through 57) based on the manual designation inputted

using the operation unit (operation unit 112, see Fig. 1, column 7, line 61 through column 8, line

3), performing data communication with an external data communication terminal (facsimile

208) in accordance with a destination inputted using the operation input unit (column 7, line 55

through column 8, line 3), notifying the data processing terminal corresponding to the designated

ID, via a connector (wired/wireless LAN controller 124) connecting the data communication

system and the data processing terminal (see Figs. 1 and 2), of communication result information

representing the data communication with the external data communication terminal based on the

inputted designation (column 7, lines 29 through 67, see Fig. 7) and the data transmitted by the

data communication (predetermined icon F5, seen in Fig. 7, column 6, line 63 through column 7,

line 2, and column 7, lines 37 through 56).

Further, Kosaka'498 teaches of the steps of at the data processing terminal, instructing

the data communication system to communicate with a destination (column 7, line 57 through

column 8, line 22), receiving communication result information notified by the data

communication system in the notifying step (column 8, lines 20 through 67), wherein the

notification step notifies the data processing terminal of the communication result information

related to the data communication upon completion of the data transmission performed by the

data transmitter (step S40 in Fig. 8), and wherein the notification includes notifying, in a case

where user information is inputted using the operation input unit with an address of the external

data communication terminal, a data processing terminal corresponding the user information of

the transmission result information (see Fig. 7).

However, Kosaka'498 fails to teach of independently storing the communication result

information related to the data communication based on an instruction in the instructing step and

communication result information received from the data communication system in the receiving

step. Kikuchi discloses a method of controlling a system (see Figs. 1, 3, and 4) that includes a

data communication system (remote fax 9) for performing data communication with a

destination (opposite fax 6) and a data processing terminal (fax server 1) for controlling the data

communication system, with the data communication system being connected to the data

processing terminal via a network (LAN 4) that is connectable to a plurality of data processing

terminals (see Fig. 1). Kikuchi's method comprises, at the data communication system (remote

fax 9), the steps of inputting a designation manually entered by an operator using an operation

input unit (column 8, lines 58 through 64), designating an ID based on the manual designation

inputted using the operation input unit (see Fig. 4, column 5, lines 59 through 62), performing

data communication with an external data communication terminal (opposite fax 6) in

accordance with a designation inputted using the operation input unit (column 8, lines 58 through

66, and column 10, lines 57 through 67), and notifying the data processing terminal (fax server

1) corresponding to the designated ID, via a connector (LAN control unit 21) connecting the data

communication system and the data processing terminal, of communication result information

representing the data communication with the external data communication terminal (column 8,

line 58 through column 9, line 9, and column 17, line 55 through column 18, line 19, wherein the

transmission result information includes communication history data which includes the results

of the communications with the opposite faxes 6). Kikuchi's method further comprises, at the

data processing terminal (fax server 1), the steps of instructing the data communication system

(remote fax 9) to communicate with a destination (opposite fax 6, column 9, line 44 through

column 10, line 67), receiving communication result information notified by the data

communication system in the notifying step (column 17, line 47 through column 18, line 19), and

independently storing the communication result information related to the data communication

based on an instruction in the instructing step (process of Fig. 10) and communication result

information received from the data communication system (column 17, lines 60 through 67) in

the receiving step (see Fig. 7, column 6, line 64 through column 7, line 24, wherein the user

identifier of each opposite communication party with the number of sheets of each

communication, along with the result of the communication are stored in management table 32,

read in column 7, lines 10 through 25. Since each of the user identifier's and each of the

communications are stored with the corresponding communication result, it can be interpreted

that the individual communication results are stored independently, whether the result

information is received in the reception step, or based on an instruction in the instruction step).

Therefore, it would have been obvious to person of ordinary skill in the art at the time the

invention was made to include Kikuchi's teachings within Kosaka'498's system. Kosaka'498's

system would easily be modified to incorporate Kikuchi's teachings, as the systems share

cumulative features, being additive in nature.

Conclusion

9.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

10.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The

examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9314 for regular

communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 306-0377.

J.R.P.

Joseph R. Pokrzywa
Examiner
Art Unit 2622

MADELEINE NGUYEN
PATENT EXAMINER

jrp   /
November 17, 2002